User Guide

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This manual guides y ou in using y our w ireless key bpard. Informa tion in this manual has been carefully checked for accu racy and is subject to change w ithout notice.
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Item Check List

- Wireless Keyboard/Touch Pad Combo
- USB Reciever adapter
- USB Charge Cable
- User's Manual

Contents

Chapter 1 Safety Introduction

Please read this manual carefully before using the keyboard.

The following signs call attention to features and operations that may be dangerous to the user. Follow the instruction closely to reduce the risk of physical harm or damage to the equipment.

- **Attention to traffic safety**

Do not operate or attempt to operate this device while driving or operating any moving vehicle.

-**Turn off this device on the plane**

Do not operate or attempt to operate this devie while on an aircraft. Doing so may cause interference to operation and communication devices of the aircraft.

- **Turn off this device near explosion site**

To avoid interference with blasting operations, please turn off the device in the blasting site.

-- **Turn off this   device   in the vicinity   of combusive agents or chemicals**

Please turn the device off while around fuel or any combustible agents or chemicals.

- **Turn off this device in the hospital**

Please do not operate or attempt to operate the deive in the hospital. Doing so may cause interference to the medical operations and communication devices as with wireless devices. This product may interfere with implanted cardiac pacemakers, hearing aids and other medical inplant devices.

- **Interference**

All wireless devices may be subject to interference, thus attecting the performance of this product.

- **Accessories**

Do not use any replacement parts other than thise provided or recommended by the manufacturer.

This product contains a rechargeable lithium-ion battery. All safety precautions should be taken into consideration when handling or operating any type of device that is powered by such a bettery. Do not drop, heat, crush or submerge this product in water. Do not operate this device in extreme humidity, heat or cold environment for long periods of time. Misuse of this device may cause injury and will aoid the device' warranty.

Chapter 2 Product Introduction

2-1 Product Description

The Ecomani mini Multi-touch Wireless Keyboard-touchpad Combo combines the standard keyboard and mouse operation in a compact, portable housing. It is designed to improve the user experience of using keyboard and mouse as an input device. It allows user to control a mouse cursor, enter text, and perform Windows 7 multi-touch function wirelessly with the latest capacitive touch sensing technology. You do not need a touch screen panel any more.

It's small and easy to use. The touchpad is best for you to mouse around the screen remotely. You can tap the touchpad to click and use multi-touch gesture to take full advantage of Windows 7. Typing is easily done with its keyboard pad. You can double click icons or click and hold to drag and drop or highlight text just like you expect. Two actual mouse buttons are built-in for applications as required. It stays connected to the

 wirelessly without interruption while using it. And the battery (chargeable via a USB cable) stays charged for operation up to 500hr. The remote goes to sleep on its own pretty quickly to conserve the battery. Press a mouse button or any button to wake it up.

If you're looking for a portable control wirelessly with the added function of an almost-full keyboard, this is fantastic for you. It is perfect as the "remote" for PC control, presentation, lecture, and especially for entertainment center. Sit back, relax, and enjoy the control remotely.
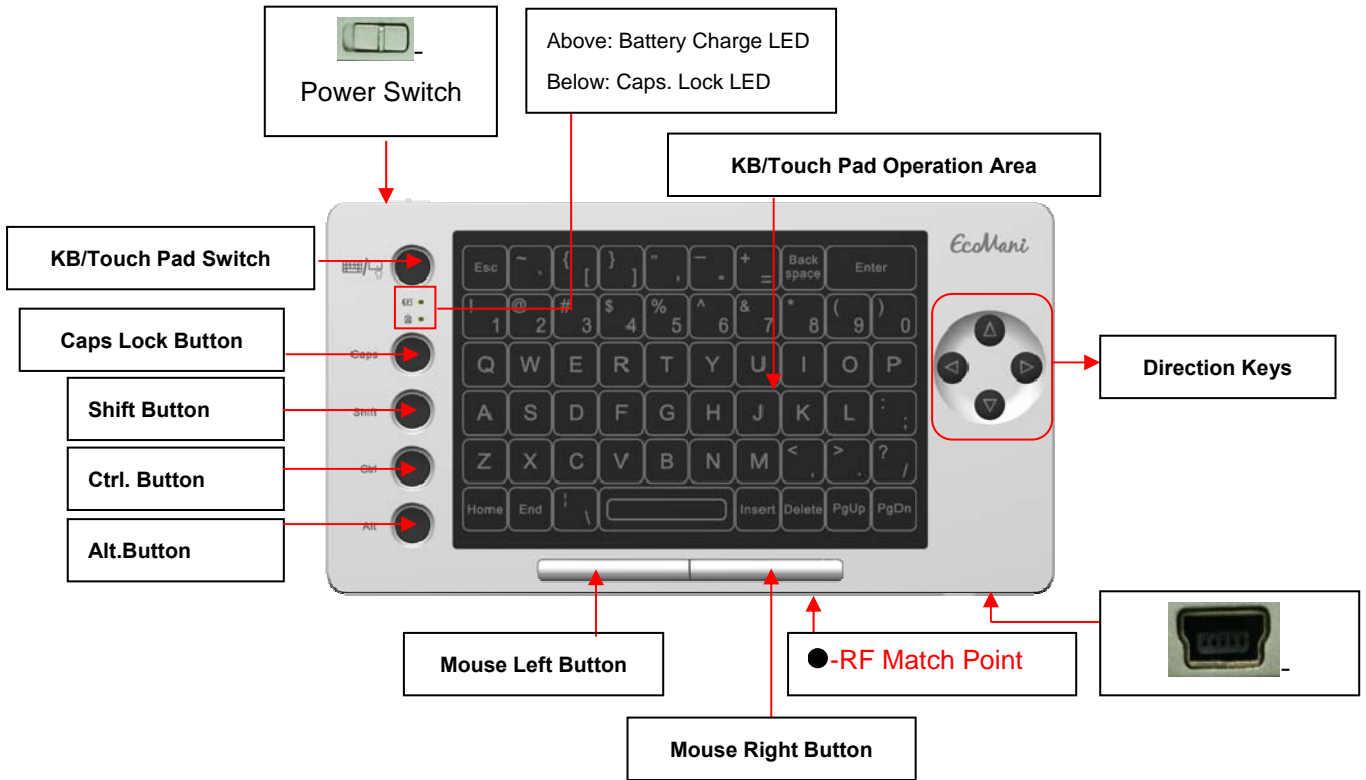
2-2 Product Specification

- Size: 168 mm x 90 mm x 12.5 mm
- Weight: 100g / 0.22 poud
- Operating temperature: -10°C — 55°C
- Battery: Build-in 3.7V 600mAh Lithium-ion battery
- Battery life: 400 hrs under keyboard mode, 500 hrs under mouse mode
- Stand-by time: 500 - 700 hours
- Operating Range: 30 meters / 100 feet
- Transmission Power: Max +4 dBm
- Operating Voltage: 3.3V
- Operating Current: < 80mA
- Charging Voltage: 4.2v - 5.05v
- Charging Current: < 300mA
- System Requirement: Windows 2000 / XP / Vista / 7; Mac OS 10.x or lower; Linux (Debian 3.1 / Redhat 9.0 / Ubuntu 8.10 / Fedora 7.0)

2-3 Product Feature

- Wireless keyboard with built-in touchpad
- Support Windows 7 multi-touch
- Come with two mouse buttons
- Capacitive sensing type touch with two-finger contact
- 104.5 x 67.5 mm large area touchpad
- QWERTY keyboard has more defined buttons
- Navigation keys for easy control during game
- Seamlessly button switch between keyboard mode and touchpad mode
- Build-in 3.7V 600mAh Li-ion rechargeable battery
- Dedicated USB port for battery charging
- Short recharge time: two hours for full charge
- Standby time : 600 hours
- 2.4GHz DSSS wireless transmission up to 10 meter (33 feet)
- Compatible with Windows XP/Vista/7, Mac, and Linux
- Compact portable design (168 X 90 X 12.5 mm) (the size of 3 business card aligned)
- Light weight (140 g)
- Plug and play: no need to install software under XP/Vista

Chapter 3 Product Overview

3-1 Wireless Keyboard Overview

Power Switch

Above: Battery Charge LED

Below: Caps. Lock LED

KB/Touch Pad Operation Area

KB/Touch Pad Switch

Caps Lock Button

Shift Button

Ctrl. Button

Alt.Button

Direction Keys

Mouse Left Button

●-RF Match Point

Mouse Right Button

3-2 USB Receiver Adapter Overview

●-RF Match Point

3-3 Basic Functions:

Buttons:

Buttons Description	
Power on Button	Switch to power on /off keyboard.
KB/Touch Pad Switch Button	Press on to switch from keyboard and touchpad mode.
Caps.	Enable/disable capital lock function.
Shift	Function as application key [Shift] of a keyboard.
Ctrl.	Function as application key [Ctrl] of a keyboard.
Alt.	Function as application key [Alt] of a keyboard.

Keyboard:

Users need to select '*keyboard'* mode by pressing KB/Touch Pad Button at first before using keyboard function.

Keyboard Description	
Primary Key Bits	The function printed at each key is defaulted by pressing the button with one time.
Sub-Keys	Press [Shift] while using these keys, including: !,@,#,$,%,^,&,*,(,),~, ",{,},",-,+,:,<,>,?, |
Directional Keys	Each function as Up/Down/Left/Right direction key as arrow shows.

Touch Pad

Users need to select '*Touch Pad'* mode by pressing KB/Touch Pad Button at first before using mouse function.

Once set as '*Touch Pad'* mode, the keyboard area can work as touch pad zone to do the same operation as that of a mouse. Wuickly double-tap can achieve the double-clck function of a mouse. The two buttons at the bottom of the wireless keyboard can work as the left and right buttons of a mouse.

Button	Description
Mouse Left Button	Function as the left button of a mouse.
Mouse Right Button	Function as the right button of a mouse.

LED

LED	Description
Caps Lock LED (Above)	This LED is on when user press [Caps Lcok] button of the keyboard under 'Keyboard' mode
Charge LED (Below)	This LED is on and turns orange when charging the wireless keyboard with a USB charging calbe. The LED will turn green when wireless keyboard is fully charged.

Chapter 4 User' Tips

4-1 How to Use Wireless Keyboard

The wireless keyboard is very simple to operate. Follow these steps listed below to enjoy the conviniences of the product:

Step1: Connect USB receiver adapter.

Find the USB receiver adapter and insert it to the standard USB interface of a computer system (the system must be on).

Step2: Power on the wireless keyboard.

Find the power on/off switch on the upside of the keyboard (). Turn it to the [On] direction to enjoy wireless keyboard-touchpad functions.

Power on Switch

Step3: RF Matching Points.

RF Matching Points

The device is set well when come out of factory and you can ensure that diferenct users using same deivices at the same time won't interfere with each other. However, if interference does occure, you can press on the RF matching point under wireless keyboard and RF matching point of the USB receiver adapter.

Step4: Power off the device after use.

Find the power on/off switch on the upside of the keyboard (). Turn it to the [Off] direction, then cut off the power, turn off the equipment. The USB receiver adapter should be plugged out from USB interface well.

4-2 How to Charge Wireless Keyboard

You need to fully charge the wireless keyboard the first time you are using it. Follow these steps listed below to charge the wireless keyboard:

1. The device can be recharge via USB data cable which directly connects to a standard USB data port on the computer. Find the attached USB cable and connect on end to the USB port of the wireless cable: . The connect the other end to a standard USB port of a system(The system must be on.)

2. A second later (if the battery is depleted, it would take longer), the charge indicator at the upper left corner of the device will turn orange.

3. The charge indicator will turn green when charging is completed. In this case remove the charging cable from the wireless keyboard and system.

Note: This device can be used when charging, but it will extend charging time.

Chapter 5 Maintenance and Troubleshooting

5-1 Battery Caution

► Do not try to disassemble the machine or replace rechargeable batteries without permission. Otherwise the manufactuere will not be responsible for the resulting loss.

► Battery charging time depends on the remaining battery capacity and battery type. The battery can be charged and discharge hundrends of times, but eventually wear out. When the battery operating time is significantly shorter than usual, it is time to replace the battery. For that please contact your local dealer.

► A charged battery without use within a certain period will be self-discharge.

► Use specified charge. When the charger is not in use, please cut off the power; do not let the battery connected to a charger more than a week. Overcharging will shorten battery life.

► Do not place the product at places too hot or too cold. This will reduce the capacity of battery life. Please keep the battery in room temperature. The battry may be temporarily not working when used under too hot or too cold temperature, even when battery fully charged. Lithium-ion batteries are particularly subject to the impact of sub-zero temperatures.

5-2 Careful Maintenance

The following recommendations can help you to comply with warranty, and pre-long product life. Please follow:

► Put the device and all its parts and accessories at the place where children can not reach.

► Do not place this quipment at dusty place.

► The touch pad s the most vulnerable part. Strong impact from other objects or scratching should be avoided.

► Do not put the device at places too hot. High temperatures will shorten the life of electronic devices.

► Do not put the device at places too cold. When the device temperature rise(to its normal operating temperature) there will be water vapor generated inside the device, which could damage the device's electronic boards.

► Do not drop, knock or shake the device. Violent action would undermine the internal circuit boards.

► Do not use rough chemicals, cleasing solvents or stronger cleasing agents when cleaning the device. Gently scrub with a soft cloth soaked in soapy water to clean it.

► Do not paint upon the device. Paint will stick to the active part of the device and impede normal operation.

► If the device, battery, charge or any accessories are not working properly, please take it to the nearest qualified service center. If necessary, the staff will help you arrange for repair.

5-3 Trouble Shooting

Please refer to the following troubleshooting list when something is wrong with the device. If this still can not help solve the issue, please contact your local dealer or service provider.

Problem	Cause of malfunction	Solution
Can not boot	1- There is no power in the battery. 2- The power on/off switch is not placed well.	1- recharge the device for over 15 munites then switch on; 2- Click if the switch is put at the [On] place.
RF can not be connected after a long time of blicking	1- Receiver is inserted correctly or not, the inserted device is in the boot state or not; 2- The signal is too weak at your physical location, or if there is a wireless interference.	1- Check if the reciver inserted correctly and the inserted device in the boot state. 2- Move your location and make sure there is no interference between you and the inserted device.
Operation of the mouse pointer jumping or unresponsive	1- The equipment you connected itself is not working properly 2- Your physical location is too far away from the equipment, or there are too many block between you and the equipment	1- Check if the operation of the equipment has been confirmed that it's working correctly. 2- Move your location or try from another location
Device can't be charged	1- Chargers and equipment not being connected well; 2- Battery performance degradation	1- Corectly connect the charger to this device; 2- Replae the same model batteries; please contact your local dealer.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized changes and modifications to this equipment. Such changes and modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.   These limits are designed to provide reasonable protection against harmful interference in a residential installation.   This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.